WHAT IS CLAIMED IS:

1.   A method of configuring a computer system for receiving and processing
Financial Service Organization (FSO) transaction-related data, wherein each FSO

5   transaction-related data is defined by a plurality of fields, each of which contains the FSO
transaction-related data, the method comprising:

      displaying a plurality of field identifiers on a display screen of a monitor, wherein
the monitor is in data communication with the computer system, a first memory, and a
second memory, wherein each of the displayed field identifiers identifies a respective

10   field in each of the FSO transaction-related data;

      selecting a plurality of the displayed field identifiers;

      storing the selected plurality of field identifiers in the first memory;

      wherein the computer system is configured to receive a first FSO transaction-
related data, wherein the computer system is configured to read the selected plurality of

15   field identifiers from the first memory in response to the computer system receiving the
first FSO transaction-related data, wherein the computer system is configured to access
and read a first processing parameter from the second memory using FSO transaction-
related data contained in fields of the first FSO transaction-related data that are identified
by the selected plurality of field identifiers read from the first memory, and wherein the

20   computer system is configured to process the first FSO transaction-related data and the
first processing parameter.

2.   The method of claim 1, further comprising:

      displaying a template on the monitor, wherein the template comprises a plurality

25   of fields for receiving data values;

      entering a first data in a first field of the template;

      entering the first processing parameter in a second field of the template;

      storing the first processing parameter and the first data in the second memory;

wherein the computer system is configured to compare the first data stored in the second memory with the FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory, and wherein the computer system is configured to access and read

5   the first processing parameter if the first data compares equally to the FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory.

3.   The method of claim 1, further comprising:

10   preparing a first processing key value from data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory, wherein the computer system is configured to access and read the first processing parameter from the second memory using the first processing key.

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4.   The method of claim 3, wherein the first processing key value is defined by a plurality of fields which contain copies of data from the fields of the first FSO transaction-related data identified by the selected plurality of field identifiers read from the first memory.

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5.   The method of claim 4, further comprising:
entering mapping data into the computer system, wherein the mapping data maps each of the selected plurality of field identifiers to a respective field of the first processing key value, wherein the computer system is configured to place data from each

25   of the fields of the first FSO transaction-related data identified by the selected plurality of field identifiers into a respective field of the processing key value in accordance with the mapping data.

6.   A method comprising:

displaying one or more key element representations on a display screen in data communication with a Financial Service Orgnaization (FSO) computer system comprising a database, wherein the FSO computer system is configured to perform processing on FSO transaction-related data;

5   selecting one or more key element representations from the displayed key element representations;

preparing a key definition from the one or more key elements corresponding to the one or more selected key element representations in response to the user selecting the one or more key element representations; and

10   storing the key definition in the database;

wherein the key definition stored in the database is configured for use in preparing a processing key value from a transaction-related data in the FSO computer system, wherein the processing key value is configured for use in locating a process control data set in the database in the FSO computer system, wherein the process control

15   data set comprises one or more process control data values, and wherein the process control data set located using the processing key value is configured for use in processing the transaction-related data in the FSO computer system.

7.   The method of claim 6, wherein the user selecting the key element

20   representations, the preparing the key definition, and the storing the key definition occur during a configuration of the FSO computer system.

8.   The method of claim 6, wherein the preparing the key definition from the one or more key elements further comprises the user specifying a sequence of the key elements

25   in the key definition.

9.   The method of claim 6, wherein the database comprises a plurality of data elements, and wherein the method further comprises:

the user selecting a plurality of key elements for use in key definitions from the plurality of data elements; and

the user selecting the one or more key elements for displaying on the display screen from the plurality of key elements.

10. The method of claim 6, further comprising:

the user defining one or more key values for the key definition;

the user defining a processing parameter value for each of the key values for the key definition; and

storing the one or more key values and processing parameter values in the database;

wherein locating the processing parameter value using the constructed processing key value comprises matching the constructed processing key value with one of the one or more key values stored in the database.

11. The method of claim 10, wherein each of the one or more key values is unique among the one or more key values for the key definition.

12. The method of claim 10, wherein the database comprises a process control data table associated with the key definition, wherein the process control data table comprises one or more rows, and wherein each row in the process control data table comprises one or more fields for storing one key value and one or more fields for storing the processing parameter value for the key value stored in the row.

13. The method of claim 10, wherein each of the one or more key values comprises one key element value for each of the one or more key elements in the key definition, and wherein the user defining the one or more key values for the key definition further comprises the user defining the one or more key element values for each of the one or more key values.

14.   The method of claim 13, wherein the user defining the one or more key element values for each of the one or more key values comprises the user selecting a key element value for each of the one or more key elements in the key definition from a plurality of available key element values for the key element.

15.   The method of claim 14, wherein the plurality of available key element values comprises a wildcard key element value.

16.   The method of claim 6, wherein the database is relational or is object-oriented.

17.   The method of claim 6, further comprising:
        the user defining one or more key masks for the key definition, wherein each key mask comprises one or more mask fields, wherein the one or more mask fields in the key mask correspond to the one or more key elements in the key definition; and
        storing the one or more key masks in the database.

18.   The method of claim 16, wherein the user defining the one or more key masks further comprises the user selecting a mask field value from a plurality of mask field values for each of the one or more mask fields in each of the one or more key masks, and wherein the plurality of mask field values comprises an equal mask field value and a wildcard mask field value.

19.   The method of claim 6, wherein the transaction-related data comprises a credit card transaction, and wherein the processing parameter value comprises one or more data values configured for processing the credit card transaction.

20.   The method of claim 18, wherein the processing parameter value comprises one or more merchant transaction pricing values.

21.   A system for processing Financial Service Organization (FSO) transactions, the

system comprising:

a computer program;

5   a computer system;

wherein the computer program is executable on the computer system to execute:

displaying a plurality of field identifiers on a display screen of a monitor,

wherein the monitor is in data communication with the computer system, a first

memory, and a second memory, wherein each of the displayed field identifiers

10   identifies a respective field in each of FSO transaction-related data;

selecting a plurality of the displayed field identifiers;

storing the selected plurality of field identifiers in the first memory;

wherein the computer system is configured to receive a first FSO

transaction-related data, wherein the computer system is configured to read the

15   selected plurality of field identifiers from the first memory in response to the

computer system receiving the first FSO transaction-related data, wherein the

computer system is configured to access and read a first processing parameter

from the second memory using FSO transaction-related data contained in fields of

the first FSO transaction-related data that are identified by the selected plurality of

20   field identifiers read from the first memory, and wherein the computer system is

configured to process the first FSO transaction-related data and the first

processing parameter.

22.   The system of claim 21, wherein the computer program is further executable on

25 the computer system to execute:

displaying a template on the monitor, wherein the template comprises a plurality

of fields for receiving data values;

entering a first data in a first field of the template;

entering the first processing parameter in a second field of the template;

storing the first processing parameter and the first data in the second memory;

wherein the computer system is configured to compare the first data stored in the second memory with the FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read

5   from the first memory, and wherein the computer system is configured to access and read the first processing parameter if the first data compares equally to the FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory.

10   23.   The system of claim 21, wherein the computer program is further executable on the computer system to execute:

preparing a first processing key value from data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory, wherein the computer system is configured to

15   access and read the first processing parameter from the second memory using the first processing key.

24.   The system of claim 23, wherein the first processing key value is defined by a plurality of fields which contain copies of data from the fields of the first FSO

20   transaction-related data identified by the selected plurality of field identifiers read from the first memory.

25.   The system of claim 24, wherein the computer program is further executable on the computer system to execute:

25   entering mapping data into the computer system, wherein the mapping data maps each of the selected plurality of field identifiers to a respective field of the first processing key value, wherein the computer system is configured to place data from each of the fields of the first FSO transaction-related data identified by the selected plurality of

field identifiers into a respective field of the processing key value in accordance with the mapping data.

26.   A carrier medium comprising program instructions, wherein the program
instructions are executable by a computer system to implement:

        displaying a plurality of field identifiers on a display screen of a monitor, wherein the monitor is in data communication with the computer system, a first memory, and a second memory, wherein each of the displayed field identifiers identifies a respective field in each of FSO transaction-related data;

        selecting a plurality of the displayed field identifiers;

        storing the selected plurality of field identifiers in the first memory;

        wherein the computer system is configured to receive a first FSO transaction-related data, wherein the computer system is configured to read the selected plurality of field identifiers from the first memory in response to the computer system receiving the first FSO transaction-related data, wherein the computer system is configured to access and read a first processing parameter from the second memory using FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory, and wherein the computer system is configured to process the first FSO transaction-related data and the first processing parameter.

27.   The carrier medium of claim 26, wherein the program instructions are further executable by the computer system to implement:

        displaying a template on the monitor, wherein the template comprises a plurality of fields for receiving data values;

        entering a first data in a first field of the template;

        entering the first processing parameter in a second field of the template;

        storing the first processing parameter and the first data in the second memory;

wherein the computer system is configured to compare the first data stored in the second memory with the FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory, and wherein the computer system is configured to access and read

5   the first processing parameter if the first data compares equally to the FSO transaction-related data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory.

28.   The carrier medium of claim 26, wherein the program instructions are further

10   executable by the computer system to implement:

the computer system preparing a first processing key value from data contained in fields of the first FSO transaction-related data that are identified by the selected plurality of field identifiers read from the first memory, wherein the computer system is configured to access and read the first processing parameter from the second memory

15   using the first processing key.

29.   The carrier medium of claim 28, wherein the first processing key value is defined by a plurality of fields which contain copies of data from the fields of the first FSO transaction-related data identified by the selected plurality of field identifiers read from

20   the first memory.

30.   The carrier medium of claim 29,wherein the program instructions are further executable by the computer system to implement:

entering mapping data into the computer system, wherein the mapping data maps

25   each of the selected plurality of field identifiers to a respective field of the first processing key value, wherein the computer system is configured to place data from each of the fields of the first FSO transaction-related data identified by the selected plurality of field identifiers into a respective field of the processing key value in accordance with the mapping data.

31. A method comprising:

displaying one or more key element representations on a display screen in data communication with a Financial Service Organization (FSO) computer system comprising a database, wherein the FSO computer system is configured to perform processing of FSO transaction-related data;

selecting one or more key element representation from the displayed key element representations;

preparing a key definition from the one or more key elements corresponding to the one or more selected key element representations in response to the user selecting the one or more key element representations; and

storing the key definition in the database;

wherein the key definition stored in the database is configured for use in preparing a processing key value from a transaction-related data in the FSO computer system, wherein the processing key value is configured for use in locating a process control data set in the database in the FSO computer system, wherein the process control data set comprises one or more process control data values, and wherein the process control data set located using the processing key value is configured for use in processing the transaction-related data in the FSO computer system.

32. The method of claim 31, wherein the user selecting the key element representations, preparing the key definition, and storing the key definition occur during a configuration of the FSO computer system.

33. The method of claim 31, wherein preparing the key definition from the one or more key elements further comprises the user specifying a sequence of the key elements in the key definition.

34. The method of claim 31, wherein the database comprises a plurality of data elements, and wherein the method further comprises:

the user selecting a plurality of key elements for use in key definitions from the plurality of data elements; and

5   the user selecting the one or more key elements for displaying on the display screen from the plurality of key elements.

35. The method of claim 31, further comprising:

the user defining one or more key values for the key definition;

10   the user defining a processing parameter value for each of the key values for the key definition; and

storing the one or more key values and processing parameter values in the database;

wherein locating the processing parameter value using the constructed processing

15 key value comprises matching the constructed processing key value with one of the one or more key values stored in the database.

36. The method of claim 35, wherein each of the one or more key values is unique among the one or more key values for the key definition.

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37. The method of claim 35, wherein the database comprises a process control data table associated with the key definition, wherein the process control data table comprises one or more rows, and wherein each row in the process control data table comprises one or more fields for storing one key value and one or more fields for storing the processing

25 parameter value for the key value stored in the row.

38. The method of claim 35, wherein each of the one or more key values comprises one key element value for each of the one or more key elements in the key definition, and wherein the user defining the one or more key values for the key definition further

comprises the user defining the one or more key element values for each of the one or more key values.

39.   The method of claim 38, wherein the user defining the one or more key element values for each of the one or more key values comprises the user selecting a key element value for each of the one or more key elements in the key definition from a plurality of available key element values for the key element.

40.   The method of claim 39, wherein the plurality of available key element values comprises a wildcard key element value.

41.   The method of claim 31, further comprising:

the user defining one or more key masks for the key definition, wherein each key mask comprises one or more mask fields, wherein the one or more mask fields in the key mask correspond to the one or more key elements in the key definition; and

storing the one or more key masks in the database.

42.   The method of claim 41, wherein the user defining the one or more key masks further comprises the user selecting a mask field value from a plurality of mask field values for each of the one or more mask fields in each of the one or more key masks, and wherein the plurality of mask field values comprises an equal mask field value and a wildcard mask field value.

43.   The method of claim 31, wherein the transaction-related data comprises a credit card transaction, and wherein the processing parameter value comprises one or more data values configured for processing the credit card transaction.

44.   The method of claim 43, wherein the processing parameter value comprises one or more merchant transaction pricing values.

45.   A system for processing Financial Service Organization (FSO) transactions, the system comprising:

a computer program;

a computer system;

wherein the computer program is executable on the computer system to execute:

displaying one or more key element representations on a display screen in data communication with the computer system comprising a database, wherein the computer system is configured to perform processing of FSO transaction-related data;

selecting one or more key element representation from the displayed key element representations;

preparing a key definition from the one or more key elements corresponding to the one or more selected key element representations in response to the user selecting the one or more key element representations; and

storing the key definition in the database;

wherein the key definition stored in the database is configured for use in preparing a processing key value from a transaction-related data in the computer system, wherein the processing key value is configured for use in locating a process control data set in the database in the computer system, wherein the process control data set comprises one or more process control data values, and wherein the process control data set located using the processing key value is configured for use in processing the transaction-related data in the computer system.

46.   The system of claim 45, wherein the user selecting the key element representations, preparing the key definition, and storing the key definition occur during a configuration of the computer system.

47.   The system of claim 45, wherein the preparing the key definition from the one or more key elements further comprises the user specifying a sequence of the key elements in the key definition.

5   48.   The system of claim 45, wherein the database comprises a plurality of data elements, and wherein the computer program is further executable on the computer system to execute:

        the user selecting a plurality of key elements for use in key definitions from the plurality of data elements; and

10   the user selecting the one or more key elements for displaying on the display screen from the plurality of key elements.

        49.   The system of claim 45, wherein the computer program is further executable on the computer system to execute:

15   defining one or more key values for the key definition;

        defining a processing parameter value for each of the key values for the key definition; and

        storing the one or more key values and processing parameter values in the database;

20   wherein locating the processing parameter value using the constructed processing key value comprises matching the constructed processing key value with one of the one or more key values stored in the database.

        50.   The system of claim 49, wherein each of the one or more key values is unique

25   among the one or more key values for the key definition.

        51.   The system of claim 49, wherein the database comprises a process control data table associated with the key definition, wherein the process control data table comprises one or more rows, and wherein each row in the process control data table comprises one

or more fields for storing one key value and one or more fields for storing the processing parameter value for the key value stored in the row.

52.   The system of claim 49, wherein each of the one or more key values comprises one key element value for each of the one or more key elements in the key definition, and wherein the user defining the one or more key values for the key definition further comprises the user defining the one or more key element values for each of the one or more key values.

53.   The system of claim 52, wherein the user defining the one or more key element values for each of the one or more key values comprises the user selecting a key element value for each of the one or more key elements in the key definition from a plurality of available key element values for the key element.

54.   The system of claim 53, wherein the plurality of available key element values comprises a wildcard key element value.

55.   The system of claim 49, wherein the computer program is further executable on the computer system to execute:

        defining one or more key masks for the key definition, wherein each key mask comprises one or more mask fields, wherein the one or more mask fields in the key mask correspond to the one or more key elements in the key definition; and

        storing the one or more key masks in the database.

56.   The system of claim 55, wherein the user defining the one or more key masks further comprises the user selecting a mask field value from a plurality of mask field values for each of the one or more mask fields in each of the one or more key masks, and wherein the plurality of mask field values comprises an equal mask field value and a wildcard mask field value.

57.   The system of claim 49, wherein the transaction-related data comprises a credit card transaction, and wherein the processing parameter value comprises one or more data values configured for processing the credit card transaction.

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58.   The system of claim 57, wherein the processing parameter value comprises one or more merchant transaction pricing values.

59.   The system of claim 49, wherein the computer system comprises a display device

10   coupled to the computer system to display data.

60.   The system of claim 59, wherein the display device is a display screen.

61.   The system of claim 49, wherein the computer system comprises a user input

15   device coupled to the computer system to enter data.

62.   The system of claim 61, wherein the user input device is a mouse or a keyboard.

63.   A carrier medium comprising program instructions, wherein the program

20   instructions are executable by a computer system to implement:

displaying one or more key element representations on a display screen in data communication with a Financial Service Organization (FSO) computer system comprising a database, wherein the FSO computer system is configured to perform processing on FSO transaction-related data;

25   selecting one or more key element representations from the displayed key element representations;

preparing a key definition from the one or more key elements corresponding to the one or more selected key element representations in response to the user selecting the one or more key element representations; and

storing the key definition in the database;

wherein the key definition stored in the database is configured for use in preparing a processing key value from a transaction-related data in the FSO computer system, wherein the processing key value is configured for use in locating a process

5   control data set in the database in the FSO computer system, wherein the process control data set comprises one or more process control data values, and wherein the process control data set located using the processing key value is configured for use in processing the transaction-related data in the FSO computer system.

10   64.   The carrier medium of claim 63, wherein the user selecting the key element representations, the preparing the key definition, and the storing the key definition occur during a configuration of the FSO computer system.

65.   The carrier medium of claim 63, wherein the preparing the key definition from the

15   one or more key elements further comprises the user specifying a sequence of the key elements in the key definition.

66.   The carrier medium of claim 63, wherein the database comprises a plurality of data elements, and wherein the program instructions are further executable by the

20   computer system to implement:

the user selecting a plurality of key elements for use in key definitions from the plurality of data elements; and

the user selecting the one or more key elements for displaying on the display screen from the plurality of key elements.

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67.   The carrier medium of claim 63, wherein the program instructions are further executable by the computer system to implement:

defining one or more key values for the key definition;

defining a processing parameter value for each of the key values for the key

definition; and

storing the one or more key values and processing parameter values in the

database;

5   wherein locating the processing parameter value using the constructed processing

key value comprises matching the constructed processing key value with one of the one

or more key values stored in the database.

68.   The carrier medium of claim 67, wherein each of the one or more key values is

10   unique among the one or more key values for the key definition.

69.   The carrier medium of claim 67, wherein the database comprises a process control

data table associated with the key definition, wherein the process control data table

comprises one or more rows, and wherein each row in the process control data table

15   comprises one or more fields for storing one key value and one or more fields for storing

the processing parameter value for the key value stored in the row.

70.   The carrier medium of claim 67, wherein each of the one or more key values

comprises one key element value for each of the one or more key elements in the key

20   definition, and wherein the user defining the one or more key values for the key

definition further comprises the user defining the one or more key element values for

each of the one or more key values.

71.   The carrier medium of claim 70, wherein the user defining the one or more key

25   element values for each of the one or more key values comprises the user selecting a key

element value for each of the one or more key elements in the key definition from a

plurality of available key element values for the key element.

72.   The carrier medium of claim 71, wherein the plurality of available key element values comprises a wildcard key element value.

73.   The carrier medium of claim 63, wherein the program instructions are further executable by the computer system to implement:

defining one or more key masks for the key definition, wherein each key mask comprises one or more mask fields, wherein the one or more mask fields in the key mask correspond to the one or more key elements in the key definition; and

storing the one or more key masks in the database.

74.   The carrier medium of claim 73, wherein the user defining the one or more key masks further comprises the user selecting a mask field value from a plurality of mask field values for each of the one or more mask fields in each of the one or more key masks, and wherein the plurality of mask field values comprises an equal mask field value and a wildcard mask field value.

75.   The carrier medium of claim 63, wherein the transaction-related data comprises a credit card transaction, and wherein the processing parameter value comprises one or more data values configured for processing the credit card transaction.

76.   The carrier medium of claim 75, wherein the processing parameter value comprises one or more merchant transaction pricing values.

77.   The carrier medium of claim 63, wherein the carrier medium is a memory medium.

78.   A method comprising:

displaying on a display screen coupled to a Financial Service Organization (FSO) computer system a dictionary of data elements comprising one or more data elements

associated with an FSO transaction-related data, wherein the FSO computer system processes the transaction-related data;

receiving a selection of one or more data elements selected from the dictionary of data elements, wherein the selected one or more data elements are arranged in a particular

5 sequence to identify a user-defined key, wherein the user-defined key is configured during a configuration of the FSO computer system, wherein the user-defined key describes a location of one or more corresponding data element values stored in an FSO database; and

storing the user-defined key in the FSO database.

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79. The method of claim 78, wherein the displaying on the display screen, receiving the selection and storing the user-defined key occur during the configuration of the FSO computer system.

15 80. The method of claim 78, wherein the FSO database comprises the one or more data elements, and wherein the method further comprises:

selecting a plurality of key elements for use in the user-defined key from the one or more data elements; and

selecting the plurality of key elements for displaying on the display screen

20 from the plurality of key elements.

81. The method of claim 78, further comprising:

defining one or more key values for the user-defined key;

defining a processing parameter value for each of the key values for the

25 user-defined key; and

storing the one or more key values and processing parameter values in the database;

wherein locating the processing parameter value using the constructed processing key value comprises matching the constructed processing key value with one of the one or more key values stored in the database.

5   82.   A system for processing Financial Service Organization (FSO) transactions, the system comprising:

a computer program;

a computer system;

wherein the computer program is executable on the computer system to execute:

10   displaying on a display screen coupled to a Financial Service Organization (FSO) computer system a dictionary of data elements comprising one or more data elements associated with an FSO transaction-related data, wherein the computer system processes the transaction-related data;

15   receiving a selection of one or more data elements selected from the dictionary of data elements, wherein the selected one or more data elements are arranged in a particular sequence to identify a user-defined key, wherein the user-defined key is configured during a configuration of the computer system, wherein the user-defined key describes a location of

20   one or more corresponding data element values stored in an FSO database; and

storing the user-defined key in the FSO database.

83.   The system of claim 82, wherein the displaying on a display screen and the

25   receiving the selection occur during a configuration of the FSO computer system.

84.   The system of claim 82, wherein the FSO database comprises the one or more data elements, and wherein the method further comprises:

selecting a plurality of key elements for use in the user-defined key from the one or more data elements; and

selecting the plurality of key elements for displaying on the display screen from the plurality of key elements.

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85.   The system of claim 82, wherein the computer program is further executable on the computer system to execute:

defining one or more key values for the user-defined key;

defining a processing parameter value for each of the key values for the user-

10   defined key; and

storing the one or more key values and processing parameter values in the database;

wherein locating the processing parameter value using the constructed processing key value comprises matching the constructed processing key value with one of the one

15   or more key values stored in the database.

86.   The system of claim 82, wherein the computer system comprises a display device coupled to the computer system to display data.

20   87.   The system of claim 86, wherein the display device is a display screen.

88.   The system of claim 82, wherein the computer system comprises a user input device coupled to the computer system to enter data.

25   89.   The system of claim 88, wherein the user input device is a mouse or a keyboard.

90.   A carrier medium comprising program instructions, wherein the program instructions are executable by a computer system to implement a method of:

displaying on a display screen coupled to a Financial Service Organization (FSO) computer system a dictionary of data elements comprising one or more data elements associated with an FSO transaction-related data, wherein the computer system processes the transaction-related data;

5   receiving a selection of one or more data elements selected from the dictionary of data elements, wherein the selected one or more data elements are arranged in a particular sequence to identify a user-defined key, wherein the user-defined key is configured during a configuration of the computer system, wherein the user-defined key describes a location of one or more corresponding data element values stored in an FSO database;

10   and

storing the user-defined key in the FSO database.

91.   The carrier medium of claim 90, wherein the displaying on a display screen and receiving the selection occur during a configuration of the computer system.

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92.   The carrier medium of claim 90, wherein the FSO database comprises the one or more data elements, and wherein the program instructions are further executable by the computer system to implement:

selecting a plurality of key elements for use in the user-defined key from the one

20   or more data elements; and

selecting the plurality of key elements for displaying on the display screen from the plurality of key elements.

93.   The carrier medium of claim 90, wherein the program instructions are further

25   executable by the computer system to implement:

defining one or more key values for the user-defined key;

defining a processing parameter value for each of the key values for the user-defined key; and

storing the one or more key values and processing parameter values in the database;

wherein locating the processing parameter value using the constructed processing key value comprises matching the constructed processing key value with one of the one

5   or more key values stored in the database.

94.   The carrier medium of claim 90, wherein the carrier medium is a memory medium.

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